

## WHAT IS CLAIMED IS:

1. A two-way caster bench comprising  
a front chair frame being a U-shaped frame having two casters  
installed on a bottom side thereof, a cushion being mounted on  
5 an upper side thereof;  
a middle chair frame including two U-shaped frames  
connected by a pair of connecting bars, said two U-shaped  
frames having free ends facing outwardly; and  
a rear chair frame being a U-shaped frame, a supporting bar  
10 being mounted underneath and connecting front portions of  
two lateral bars of said rear chair frame, a cushion being  
mounted on an upper side of said rear chair frame, four casters  
being installed on a bottom side of said rear chair frame;  
said two lateral bars of said front chair frame being inserted  
15 between and pivotally connected with the shorter one of said  
two U-shaped frames of said middle chair frame so that said  
front chair frame is foldable, said rear chair frame being  
pivotally connected with the longer one of said two U-shaped  
frames of said middle chair frame so that said middle chair  
20 frame is foldable, said middle chair frame being folded toward  
said rear chair frame so that said supporting bar of said rear  
chair frame supports against said lateral bars of said middle  
chair frame to maintain a sitting configuration.
2. The two-way caster bench of Claim 1, wherein a first pivot  
25 hole goes through lateral sides of a free end of each of said  
lateral bars of said front chair frame; a second pivot hole goes

through lateral sides of each of said lateral bars of said short U-shaped frame of said middle chair frame; a pivoting shaft is inserted through said first and second pivot holes on said lateral bars on each side to pivotally connect said front chair frame and said middle chair frame.

3. The two-way caster bench of Claim 2, wherein a stopper is installed at each of said pivoting places between said front chair frame and said middle chair frame; said stopper is composed of an upper ring stop mounted in an upper rim portion around said first pivot hole on an outer face of a lateral bars of said front chair frame; a lower ring stop is mounted in a lower rim portion around said second pivot hole on an inner side of a lateral bar of said short U-shaped frame; said pivoting shaft is inserted through said first and second pivot holes to form a pivotal connection by which said upper ring stop and said lower ring stop may rotate with the folding to till terminal faces thereof collide.

4. The two-way caster bench of Claim 1, wherein a middle section of said rear chair frame under said lateral bars is provided with a supporting plate in a direction selected from a transverse direction and an axial direction; at least one supporting plate is mounted onto a bottom side in a rear portion of said rear chair frame.

5. The two-way caster bench of Claim 1, wherein a third pivot hole goes through lateral sides of each of said lateral bars of said rear chair frame; a fourth pivot hole goes through lateral sides of each of said lateral bars of said long U-shaped frame

of said middle chair frame; a pivoting shaft is inserted through said third and fourth pivot holes on said lateral bars on each side to pivotally connect said rear chair frame and said middle chair frame.

- 5    6. The two-way caster bench of Claim 5, wherein a locating device is installed at least one of said pivoting places between said rear chair frame and said middle chair frame; said locating device includes a first pin hole, a second pin hole, a locking ring and a locating pin; said first pin hole is located on
- 10    a predetermined location near said fourth pivot hole on a lateral bar of said rear chair frame; said second pin hole is located on a predetermined location near said third pivot hole on a corresponding lateral bar of said long U-shaped frame; said locking ring is installed on a predetermined location on a
- 15    bottom face of a lateral bar of said long U-shaped frame around said second pin hole thereon; said locating pin is inserted into said first pin hole and either of said second pin hole and said locking ring.
- 20    7. The two-way caster bench of Claim 6, wherein said locating pin of said locating device comprises a pin, a fixing cap, a resilient component and a ring puller; said ring puller goes through a rear end of said pin; said resilient component is slipped on said pin and confined by said fixing cap that is screwed onto a front end of said pin.